

<b>Form PTO-1449</b>		ATTORNEY DOCKET NO. <b>AUS920030552US1</b>	SERIAL NO. <b>N-1 Assigned</b> <b>10/757,156</b>		
<b>LIST OF PRIOR ART CITED BY APPLICANT</b> <i>(Use several sheets if necessary)</i>		APPLICANT DeWitt, Jr. et al.			
		FILING DATE <b>1/14/04</b>	GROUP ART UNIT <b>Not Assigned-2192</b>		
<b>U.S. PATENT DOCUMENTS</b>					
EXAMINER INITIAL	DOCUMENT NO.	PUBLICATION DATE	INVENTOR NAME	CLASS/ SUBCLASS	FILING DATE
JR	AA 5,103,394	Apr. 7, 1992	Blasciak	395/575	Dec. 21, 1989
	AB 6,330,662 B1	Dec. 11, 2001	Patel et al.	712/236	Feb. 23, 1999
	AC 6,480,938 B2	Nov. 12, 2002	Vondran, Jr.	711/125	Dec. 15, 2000
	AD 6,430,741 B1	Aug. 6, 2002	Mattson, Jr. et al.	717/154	Feb. 26, 1999
	AE 6,189,141 B1	Feb. 13, 2001	Benitez et al.	717/4	May 4, 1998
	AF 5,930,508	Jul. 27, 1999	Faraboschi et al.	395/706	Jun. 9, 1997
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	AK 5,987,250	Nov. 16, 1999	Subrahmanyam	395/704	Aug. 21, 1997
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	AN 6,223,338 B1	Apr. 24, 2001	Smolders	717/4	Sep. 30, 1998
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	AQ 6,446,029 B1	Sep. 3, 2002	Davidson et al.	702/186	Jun. 30, 1999
	AR 6,134,676	Oct. 17, 2000	VanHuben et al.	714/39	Apr. 30, 1998
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	AT 6,243,804 B1	Jun. 5, 2001	Cheng	712/228	Jul. 22, 1998
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	AW 6,286,132 B1	Sep. 4, 2001	Tanaka et al.	717/4	Jan. 7, 1999
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	AZ 6,070,009	May 30, 2000	Dean et al.	395/704	Nov. 26, 1997
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DATE CONSIDERED 01/04/2007			EXAMINER /James Rutten/		
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<b>Form PTO-1449</b>				ATTORNEY DOCKET NO. <b>AUS920030552US1</b>	SERIAL NO. <b>N/A</b> <b>10/757,156</b>
<b>LIST OF PRIOR ART CITED BY APPLICANT</b> <i>(Use several sheets if necessary)</i>				APPLICANT <b>DeWitt, Jr. et al.</b>	
				FILING DATE	GROUP ART UNIT <b>Not Assigned</b>
<b>U.S. PATENT DOCUMENTS</b>					
EXAMINER INITIAL	DOCUMENT NO.	PUBLICATION DATE	INVENTOR NAME	CLASS/ SUBCLASS	FILING DATE
JR	BB	2002/0129309	Sep. 12, 2002	Floyd et al.	714/724 Dec. 18, 2000
	BC	2001/0032305	Oct. 18, 2001	Barry	712/34 Feb. 23, 2001
	BD	2002/0199179	Dec. 26, 2002	Lavery et al.	717/158 Jun. 21, 2001
	BE	2002/0124237	Sep. 5, 2002	Sprunt et al.	717/127 Dec. 29, 2000
	BF	2002/0147965	Oct. 10, 2002	Swaine et al.	717/124 Feb. 1, 2001
V	BG	2002/0019976	Feb. 14, 2002	Patel et al.	717/137 May 25, 2001
<b>FOREIGN PATENT DOCUMENTS</b>					
EXAMINER INITIAL	DOCUMENT NO.	PUBLICATION DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES NO
JR	BH	JP2000029731	Dec. 8, 1999	Japan	G06F 9/38 X
JR	BI	JP2000347863	Dec. 15, 2000	Japan	G06F 9/38 X
<b>OTHER PRIOR ART (including author, title, date, pertinent page, etc.)</b>					
	BJ	Kikuchi, "Parallelization Assist System", Joho Shori, Vol. 34, No. 9, Sept. 1993, pp. 1159-1169.			
JR	BK	Cohen et al., "Hardware-Assisted Characterization of NAS Benchmarks", Cluster Computing, V 1.4, No. 3, July 2001, pp. 189-196.			
JR	BL	Talla et al., "Evaluating Signal Processing and Multimedia Applications on SIMD, VLIW and Supr Scalar Architectures", International Conference on Computer Design, Austin, Sept. 17-20, 2000, pp. 163-172.			
JR	BM	Iwasawa et al., "Parallelization Method of Fortran DO Loops by Parallelizing Assist System", Transactions of Information Processings Society of Japan, Vol. 36, No. 8, Aug. 1995, pp. 1995-2006.			
JR	BN	Talla et al., "Execution Characteristics of Multimedia Applications on a Pentium II Processor", IEEE International Performance, Computing, and Communications Conference, 19 <sup>th</sup> , Phoenix, F b. 20-22, 2000, pp. 516-524.			
JR	BO	IBM Research Disclosure Bulletin 444188, "Enable Debuggers as an Objective Performance Measurement Tool for Software Development Cost Reduction", April 2001, pp. 686-688.			
<b>RELATED PATENT APPLICATIONS</b>					
EXAMINER INITIAL	APPLICATION NO/ ATTY. DOCKET NO.	APPLICANT	TITLE		FILING DATE
JR	BP 09/435,069 AT9-99-491	Davidson et al.	Method and Apparatus for Instruction Sampling for Performance Monitoring and Debug		Nov. 4, 1999
JR	BQ 08/538,071 AUT919950055US1	Gover et al.	Method and System for Selecting and Distinguishing an Event Sequence using an Effective Address in a Processing System		Oct. 2, 1995
DATE CONSIDERED 01/04/2007			EXAMINER /James Rutten/		
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<b>LIST OF PRIOR ART CITED BY APPLICANT</b> <i>(Use several sheets if necessary)</i>		APPLICANT <b>DeWitt, Jr. et al.</b>			
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<b>U.S. PATENT DOCUMENTS</b>					
EXAMINER INITIAL	DOCUMENT NO.	PUBLICATION DATE	INVENTOR NAME	CLASS/ SUBCLASS	FILING DATE
JR	BR <b>5,212,794</b>	May 18, 1993	Pettis et al.	395/700	Jun. 1, 1990
JR	BS <b>5,689,712</b>	Nov. 18, 1997	Heisch	395/704	Jul. 27, 1994
<b>RELATED PATENT APPLICATIONS</b>					
EXAMINER INITIAL	APPLICATION NO./ ATTY. DOCKET NO.	APPLICANT	TITLE		FILING DATE
	BT Not Assigned AUS920030477US1	DeWitt, Jr. et al.	Method and Apparatus for Counting Instruction Execution and Data Accesses		Sep. 30, 2003
	BU Not Assigned AUS920030478US1	Levine et al.	Method and Apparatus for Selectively Counting Instructions and Data Accesses		Sep. 30, 2003
	BV Not Assigned AUS920030479US1	DeWitt, Jr. et al.	Method and Apparatus for Generating Interrupts Upon Execution of Marked Instructions and Upon Access to Marked Memory Locations		Sep. 30, 2003
	BW Not Assigned AUS920030480US1	DeWitt, Jr. et al.	Method and Apparatus for Counting Data Accesses and Instruction Executions that Exceed a Threshold		Sep. 30, 2003
	BX Not Assigned AUS920030481US1	DeWitt, Jr. et al.	Method and Apparatus for Counting Execution of Specific Instructions and Accesses to Specific Data Locations		Sep. 30, 2003
	BY Not Assigned AUS920030482US1	DeWitt, Jr. et al.	Method and Apparatus for Debug Support for Individual Instructions and Memory Locations		Sep. 30, 2003
	BZ Not Assigned AUS920030483US1	Levine et al.	Method and Apparatus to Autonomically Select Instructions for Selective Counting		Sep. 30, 2003
	CA Not Assigned AUS920030484US1	Levine et al.	Method and Apparatus to Autonomically Count Instruction Execution for Applications		Sep. 30, 2003
	CB Not Assigned AUS920030485US1	Levine et al.	Method and Apparatus to Autonomically Take an Exception on Specified Instructions		Sep. 30, 2003
	CC Not Assigned AUS920030486US1	Levine et al.	Method and Apparatus to Autonomically Profile Applications		Sep. 30, 2003
	CD Not Assigned AUS920030487US1	DeWitt, Jr. et al.	Method and Apparatus for Counting Instruction and Memory Location Ranges		Sep. 30, 2003
	CE Not Assigned AUS920030550US1	DeWitt, Jr. et al.	Autonomic Method and Apparatus for Counting Branch Instructions to Improve Branch Predictions		
	CF Not Assigned AUS920030551US1	DeWitt, Jr. et al.	Autonomic Method and Apparatus for Local Program Code Reorganization Using Branch Count Per Instruction Hardware		
DATE CONSIDERED <b>01/04/2007</b>			EXAMINER <b>/James Rutten/</b>		
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**Substitute for form 1449/PTO**

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

Complete if Known	
Application Number	10/757,156
Filing Date	0114/2004
First Named Inventor	DeWitt, Jr. et al.
Examiner Name	Unknown Ruttent
Art Unit	2122 2192
Attorney Docket No.	AUS920030552US1

## **FOREIGN PATENT DOCUMENTS**

Examiner Initial	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

#### NON-PATENT LITERATURE

**Examiner:** /James Rutten/

Date Considered: 01/04/2007

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IDS - 10/03/2006

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
 ( Not for submission under 37 CFR 1.99)

Application Number	10757156
Filing Date	2004-01-14
First Named Inventor	DeWitt, Jr. et al.
Art Unit	2122 2192
Examiner Name	Nguyen Ba, Hoang Vu A. Rutten
Attorney Docket Number	AUS920030552US1

U.S. PATENTS						Remove
Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
JR	1	5966538		1999-10-12	Granston et al.	
	2	5940618		1999-08-17	Blandy et al.	
	3	6189142	B1	2001-02-13	Johnston et al.	
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	5	6026235		2000-02-15	Shaughnessy	
	6	5950003		1999-09-07	Kaneshiro et al.	
↓	7	6594820	B1	2003-07-15	Ungar	
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <small>( Not for submission under 37 CFR 1.99)</small>	Application Number	10757156
	Filing Date	2004-01-14
	First Named Inventor	DeWitt, Jr. et al.
	Art Unit	2122
	Examiner Name	Nguyen Ba, Hoang Vu A.
	Attorney Docket Number	AUS920030552US1

Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
JR	1	20020073406	A1	2002-06-13	Gove	
↓	2	20030066055	A1	2003-04-03	Spivey	
↓	3	20030131343	A1	2002-07-10	French et al.	
↓	4	20040268316	A1	2004-12-30	Fisher et al.	

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	Filing Date	2004-01-14
	First Named Inventor	DeWitt, Jr. et al.
	Art Unit	2122
	Examiner Name	Nguyen Ba, Hoang Vu A.
	Attorney Docket Number	AUS920030552US1

**EXAMINER SIGNATURE**

Examiner Signature	/James Rutten/	Date Considered	01/04/2007
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